

OCT 06 2003

PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of

6

Attorney Docket Number

1066.0

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**Examiner
Signature**

Date
Considered

B.24.2005

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Applicati n Number	10/623,395
Filing Dat	7-18-2003
First Named Inventor	Hu, Michael Z.
Art Unit	
Examiner Name	
Attorney Docket Number	1066.0

Sheet

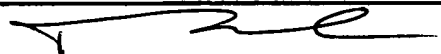
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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
TSX	4	MAHANDRIMANANA, A. et al., "Nonhydrolytic Sol-Gel Process: Aluminum and Zirconium Titanate Gels," 1997, p. 89-93, 8	—
TSK	5	MAHANDRIMANANA, A. et al., "Non-hydrolytic Sol-Gel Process: Zirconium Titanate Gels," J. Mater. Chem., 1997, pp.279-284, 7(2)	—
TSX	6	AZOUGH, F. et al., "The Relationship Between the Microstructure and Microwave...", J. Mater. Sci., 1996, p. 2539-2549, 31	—
TSX	7	BATEMAN, C. et al., "CAD Representation of the Systems ZrO ₂ -MgO-TiO ₂ and...", Physica B, 1988, p. 122-128, 150	—
TSX	8	BIANCO, A. et al., "Zirconium Titanate: from Polymeric Precursors to Bulk Ceramics," J. Eur. Cer. Soc., 1998, p. 1235-1243, 18	—
TSK	9	BIANCO, A. et al., "Zirconium Titanate Microwave Dielectrics Prepared via Polymeric Precursor Route," J. Eur. Cer. Soc., 1999, p. 959-963, 19	—
TSX	10	BHATTACHARYA, A. et al., "Low-temperature Synthesis and Characterisation of Crystalline Zirconium Titanate Powder," Mat. Lett. 1994, p. 247-250, 18	—
TSX	11	BHATTACHARYA, A. et al., "Inorganic Sol Gel Synthesis of Zirconium Titanate Fibres," J. Mater. Sci., 1996, p. 5583-5586, 31	—
TSK	12	BHATTACHARYA, A. et al., "Sol Gel Preparation, Structure and Thermal Stability...", J. Mater. Sci., 1996, p. 267-271, 31	—
TSX	13	BONHOMME-COURY, L. et al., "Preparation of Al ₂ TiO ₅ -ZrO ₂ Mixed Powders via Sol-Gel Process, J. Sol Gel Sci. & Technol., 1994, p. 371-375, 2	—

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Filing Date	7-18-2003
First Named Inventor	Hu, Michael Z.
Art Unit	
Examiner Name	
Attorney Docket Number	1066.0

Sheet	3	of	6
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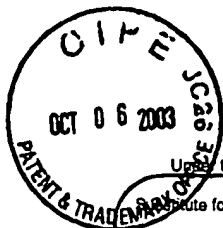
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TSK	14	CHEN, D. et al., "Hydrothermal Synthesis and Characterization of Crystalline ZrTi1-xO4...", J. Mater. Sci. 1999, 1379-1383, 34	—
TSK	15	CERQUEIRA, M. et al., "Synthesis and Characterization of PLZT (9/65/35) by the Pechini Method and Partial Oxalate," Mater. Lett., 1998, 166-171, 35	—
TSK	16	CERQUEIRA, M. et al., "Synthesis of Ultra-fine Crystalline ZrTi1-xO4 Powder by Polymeric Precursor Method," Mater. Lett., 1995, 181-185, 22	—
TSK	17	ELLIS, S. et al., "Powder Synthesis Research at CAMP," Cer. Bull., 1989, 988-994, 68	—
TSK	18	HIRANO, S. et al., "Chemical Processsing and Microwave Characteristics...", J. Am. Ceram. Soc., 1991, 1320-24, 74	—
TSK	19	HU, M. et al., "Sol-Gel and Ultrafine Particle Formation via Dielectric Tuning of Inorganic Salt...", J. Colloid Inter. Sci., 2000, 20-36, 222	—
TSK	20	HU, M. et al., "Wet-chemical Synthesis of Monodispersed Barium Titanate Particles...", J. Powder Technol., 2000, 2-14, 110	—
TSK	21	HU, M. et al., "Homogeneous (co)precipitation of Inorganic Salts for Synthesis...", J. Mater. Sci., 2000, 2927-2936, 35	—
TSK	22	IKAWA, H. et al., "X-ray Photoelectron Spectroscopy Study of High and Low-Temperature Forms...", J. Am. Ceram. Soc., 1991, 1459-62, 74	—
TSK	23	IKAWA, H. et al., "Phase Transformation and Thermal Expansion...", J. Am. Ceram. Soc., 1988, 120-27, 71 (2)	—

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**INFORMATION DISCLOSURE
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Application Number	10/623,395
Filing Date	7-18-2003
First Named Inventor	Hu, Michael Z.
Art Unit	
Examiner Name	
Attorney Docket Number	1066.0

Sheet	4	of	6
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TSK	24	ISOBE, T. et al., "Mechanochemical Synthesis of ZrTiO ₄ Precursor From Inhomogeneous Mixed Gels," Mater. Res. Soc. Symp. Proc., 1994, 273-77, 346	—
TSK	25	KARAKCHIEV, L. et al., "Low-Temperature Synthesis of Zirconium Titanate," Inorg. Mater., 2001, 386-390, 37	—
TSK	26	KHAIRULLA, F. et al., "Chemical Synthesis and Structural Evolution of Zirconium Titanate, Mater. Sci. Eng., 1992, 327-336, B12	—
TSK	27	KOMARNENI, S. et al., "Sol-Gel Processing of Some Electroceramic Powders," J. Sol-Gel Sci. Technol., 1999, 263-270, 15	—
TSK	28	KREBS, M. et al., "A Raman Spectral Characterization of Various Crystalline Mixtures...", J. Mater. Sci. Lett., 1988, 1327-1330, 7	—
TSK	29	LEITE, E. et al., "Particle Growth During Calcination of Polycation Oxides Synthesized by the Polymeric Precursors Method," J. Am. Ceram. Soc. 1997, 2649-57, 80	—
TSK	30	LEONI, M. et al., "Aqueous Synthesis and Sintering of Zirconium Titanate Powders for Microwave Components," J. Eur. Ceram. Soc., 2001, 1739-41, 21	—
TSK	31	LESSING, P., "Mixed-Cation Oxide Powders via Polymeric Precursors," Ceram. Bull., 1989, 1002-06, 68(5)	—
TSK	32	MACIAS, L. et al., "Kinetic Study of Crystallization in Zirconium Titanate from an Amorphous Reactive Prepared Precursor," J. Non-Crys. Solids, 1992, 262-65, 147&148	—
TSK	33	McHALE, A. et al., "Low-Temperature Phase Relationships in the System ZrO ₂ -TiO ₂ , J. Am. Ceram. Soc., 1986, 827-32, 69.	—

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Application Number	10/623,395
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First Named Inventor	Hu, Michael Z.
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Sheet	5	of	6
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TJK	34	MONTANARO, L. et al., "Preparation of Microspheres from an Alumina-Zirconia Sol," Ceram. Bull., 1989, 1017-20, 68(5)	—
TJK	35	MOON, Y. et al., "Preparation of Monodisperse ZrO ₂ by the Microwave Heating of Zirconyl Chloride Solutions," J. Am. Ceram. Soc., 1995, 1103-1106, 78	—
TJK	36	NAVIO, J. et al., "Heterogeneous Photocatalytic Oxidation...", New Developments in Selective Oxidation II, 1994, 721-721, 82	—
TJK	37	NAVIO, J. et al., "Photocatalysed Oxidation...", Heterogeneous Catalysis and Fine Chemicals III, 1993, 431-437, 78	—
TJK	38	NAVIO, J. et al., "Formation of Zirconium Titanate Powder from a Sol-Gel Prepared Reactive Precursor," J. Mater. Sci., 1992a, 2463-2467, 27	—
TJK	39	NAVIO, J. et al., "On the Influence of Chemical Processing in the Crystallization...", J. Mater. Sci. Lett., 1992, 1570-1572, 11	—
TJK	40	NAVIO, J. et al., "Thermal Evolution of (Zr,Ti)O ₂ Gels Synthesized at Different Basic pH," J. Therm. Anal., 1993, 1095-1102, 40	—
TJK	41	PARK, H. et al., "Effect of Solvent on Titania Particle Formation and Morphology in Thermal Hydrolysis of TiCl ₄ ," J. Am. Ceram. Soc., 1997, 743-49, 80(3)	—
TJK	42	SANCHEZ, P. et al., "Thermal Evolution of TiO ₂ -ZrO ₂ Composites Prepared by Chemical Coating Processing," Mater. Lett., 1994, 339-344, 20	—
TJK	43	SEKAR, M. et al., "Hydrazine Carboxylate Precursors to Fine Particle...", Mat. Res. Bull., 1993, 485-492, 28	—

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/623,395
		Filing Date	7-18-2003
		First Named Inventor	Hu, Michael Z.
		Art Unit	
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TK	44	SHAM, E. et al., "Zirconium Titanate from Sol-Gel Synthesis: Thermal Decomposition and Quantitative Phase Analysis," J. Solid State Chem., 1998, 225-32, 139	—
TK	45	STUBICAR, M. et al., "Synthesis of ZrTiO ₄ Powder from Equimolar ZrO ₂ Powder Mixture by High Energy...", Metalurgija, 1999, 59-62, 38(2)	—
TK	46	SYAMAL, A., "Hydrazine Carboxylate Precursors to Fine Particle Titania, Zirconia, and Zirconium Titanate," Mater. Res. Bull., 1994, 1001-1003, 29(9)	—
TK	47	XU, J. et al., "X-ray Diffraction and X-ray Absorption Spectroscopy...", Chem. Mater., 2000, 3347-3355, 12	—
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TK	49	ZHANG, S. et al., "Effect of Composition on Sinterability...", J. Mater. Sci. Lett., 2001-1409-1411, 20	—
TK	50	BIANCO, A. et al., "Zirconium Tin Titanate Thin Films via Aqueous Polymeric Precursor Route," Mater. Sci. & Eng. C, 2001, 211-213, 15	—
TK	51	RENGAKUJI, S. et al., "Preparation and Hydrocarbon Sensing Properties of Ti-Zr-O Thin Films," Electrochemistry (Technical Paper), 2001	—
TK	52	STUBICAR, M. et al., "Microstructure Evolution of an Equimolar Powder Mixture of ZrO ₂ -TiO ₂ ...", J. Alloys and Compounds, 2001, 316-320, 316	—
TK	53	HU, M., High-Tech. Alert, 1998, 1, 15(2)	—

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